

# Goodmans

## INSTRUCTION MANUAL

### TFT LCD TV

#### MODEL : GTVL19W17HD



Read these instructions thoroughly before attempting to connect, operate or adjust this player. Retain the book for future reference.

Goodmans Web Site: [www.goodmans.co.uk](http://www.goodmans.co.uk)

## IMPORTANT SAFETY INSTRUCTIONS

### WARNING

To reduce the risk of fire or electric shock, do not expose this equipment to rain or moisture.



#### CAUTION

**RISK OF ELECTRIC SHOCK  
DO NOT OPEN**



**CAUTION: TO AVOID THE RISK OF ELECTRIC SHOCK,  
DO NOT REMOVE COVER (OR BACK).  
NO USER-SERVICEABLE PARTS INSIDE.  
REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.**



This symbol is intended to alert the user to avoid the risk of electric shock, do not disassemble this equipment by anyone except a qualified service personnel.



This symbol is intended to alert the user to the presence of important operating and maintenance instructions in the literature accompanying the appliance.

### CAUTION

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

## MAINS PLUG WIRING

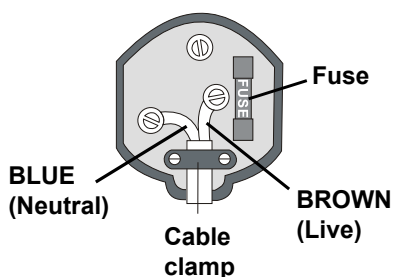
### Electrical Information

This appliance is fitted with a BS1363/A 13 amp plug. If it is not suitable for your supply sockets it must be removed and replaced with an appropriate plug. If the plug becomes damaged and/or needs to be replaced please follow the wiring instructions below. The plug removed must be disposed of immediately. It must not be plugged into a supply socket as this will be an electrical hazard. If the fuse needs to be replaced it must be of the same rating and ASTA approved to BS1362. If the plug is changed, a fuse of the appropriate rating must be fitted in the plug, adapter or at the distribution board. If the fuse in a moulded plug is replaced, the fuse cover must be refitted before the appliance can be used.

### Wiring Instructions

The supply cable will be either 2-core or 3-core. Follow the appropriate wiring instructions given below. In both cases ensure that the outer sheath of the cable is firmly held by the cable clamp.

#### 2- CORE



**WARNING!** Do not connect either wire to the earth terminal.

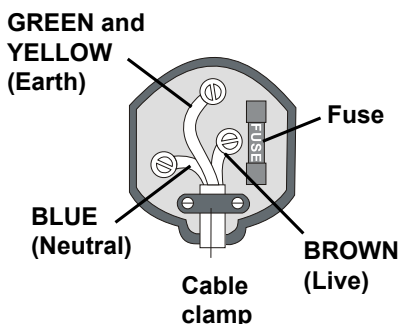


This symbol indicates that this 2-core appliance is Class II and does not require an earth connection.

The wire coloured blue must be connected to the terminal marked with the letter N or coloured black.

The wire coloured brown must be connected to the terminal marked with the letter L or coloured red.

#### 3- CORE



**WARNING!** This appliance must be earthed.

The wire coloured green and yellow must be connected to the terminal marked with the letter E, or by the earth symbol,  $\perp$ , or coloured green or green and yellow.

The wire coloured blue must be connected to the terminal marked with the letter N or coloured black.

The wire coloured brown must be connected to the terminal marked with the letter L or coloured red.

## WARNINGS

- Unqualified attempts to repair this TV are not allowed. Refer repairs to this unit to a qualified technician only.
- Do not disassemble this unit. There are dangerous-voltage parts inside that may cause electric shock even after power is disconnected.
- Store your unit in a clean, dry environment, Unplug the unit immediately it gets wet, and consult your servicing technician.
- Always unplug the unit before cleaning it. Wipe dust off the cabinet of the unit with clean & dry & soft cloth. Apply non-ammonia cleansing lotion onto the cloth, not directly onto the screen.
- Do not place heavy objects on top of the unit.
- Avoid exposing your unit directly to sunlight or other heat sources.
- Put your unit in a well-ventilated area away from high humidity.
- Do not expose this TV to rain or moisture, dripping or splashing.

### Safety Tips

- If smoke, abnormal noise or odour comes out of your unit, unplug from the mains supply immediately and call your dealer.
- Never try to repair the your unit on your own. Always call your dealer for repairs.

### Note

This user's manual contains for-reference-only graphics and information that are subject to change without notice.

### WEEE:

This appliance is labelled in accordance with European Directive 2002/96/EG concerning used electrical and electronic appliances(waste electrical and electronic equipment - WEEE). The guideline determines the framework for the return and recycling of used appliances as applicable throughout the EU.

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# PREPARATION

## Features

### Features

High Brightness / Contrast Image

Brightness: 450 cd/m<sup>2</sup>

Contrast Ratio: 800:1

### VGA Support:

640x480/60Hz~1024x768/75Hz

### Multimedia socket

VIDEO in socket

S-VIDEO in socket

SCART socket (RGB, CVBS ,CVBS+RGB,Y/C input/ CVBS output)

Y Pb Pr in socket

VGA in socket

HDMI in socket

### WSS (Wide Screen Scale ) Function

This function can automatically convert and display any aspect ration (4:3 / Wide) TV broadcast signal.

### Teletext Function

### NICAM/ FM-Stereo Function

### Auto Programme Sort (APS)

### Manual search

### Sleep-Timer

### User selectable colour temperature settings

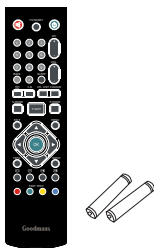
### Built-In CATV tuner

## Package Contents

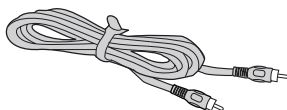
Once you open the box, make sure all of the following contents are included. If you're missing any items, please contact your dealer.



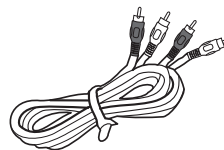
LCD TV



Remote control/  
AAA batteries



Video Cable



Audio Cable



Power Cord



User Guide  
(you are reading it)



Quick Start Guide

These items are all you need to set up and operate the LCD TV in its basic configuration.

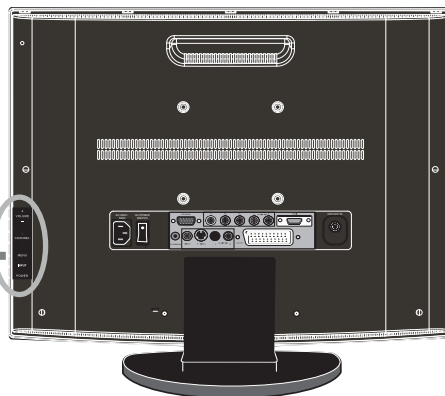
\*Most devices (VCRs, DVD player, etc.) come with the necessary cable for connection. If you want to set up a complex system, you may need to buy extra cable, connector, etc.

### LED

The LED indicator shows amber colour when TV is in standby mode.



**IR**  
Infrared  
Receiver



### VOLUME + / -

Adjusts the volume up and down.  
Selects the main-menu item and change values for items when in the OSD mode.

### CHANNEL.▲ / ▼

Changes TV channels. Selects menu item when in the OSD mode.

### MENU

Presses once to display the OSD (on screen display), presses again to turn the OSD off.

### INPUT

Chooses from different input signal sources.

### POWER

Turns the LCD TV on and into standby mode.

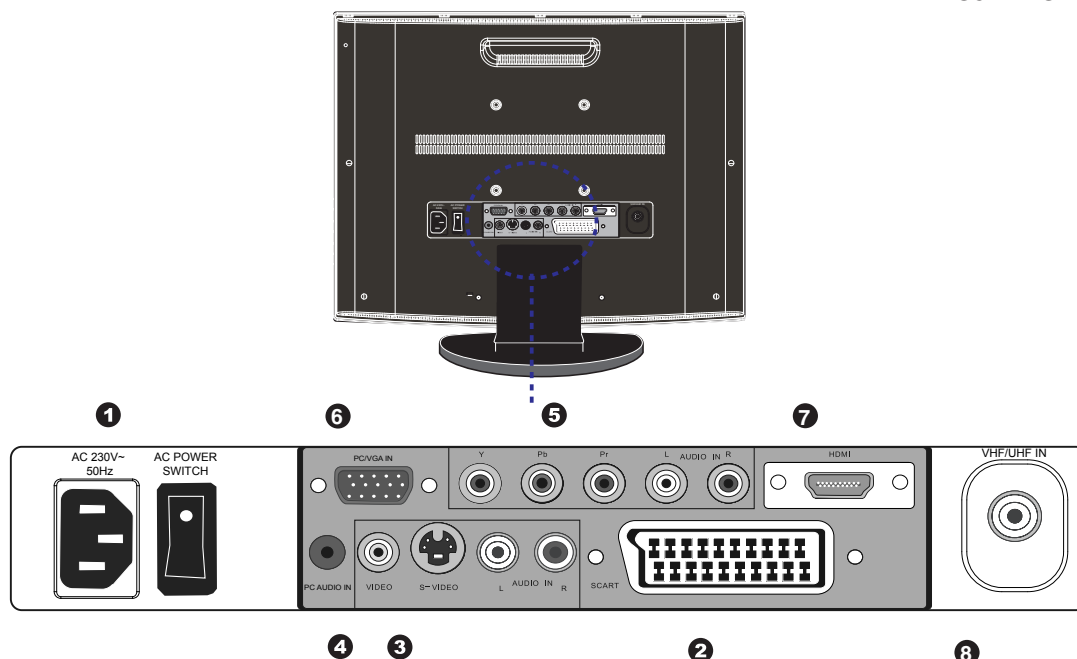


Connects to the external earphone for private listening.

### Note:

INPUT button on the TV, has the same function of OK button on the remote control, can be used as confirm button.





ITEM	DESCRIPTION
1 AC IN / Power Switch	Connects the AC power cord to this socket./ Make sure that this switch is in the ON position.
2 AV1 SCART	Connect to external equipment with scart socket. This scart input allows audio and CVBS/YC/RGB+CVBS.RGB,S-VIDEO from an external devise to be shown on your TV.
3 AV2 S-VIDEO/AUDIO(L/R)	Connects to the S- VIDEO output sockets and Audio output sockets on your video equipment.
4 AV3 VIDEO/AUDIO(L/R)	Connects to the composite A/V output sockets on your video equipment.
5 AV4 Y, Pb, Pr /AUDIO(L/R)	Connects to the component (Y, Pb, Pr) video sockets and audio (L/R) sockets of your DVD player, HDTV, or video equipment.
6 AV5 PC/VGA IN / PC AUDIO IN	Connects to a PC or other devices with a VGA interface.
7 AV6 HDMI IN	Connects to devices with a HDMI interface.
8 VHF/UHF IN	Connect TV aerial here.

### Note:

S-VIDEO and Video have a common audio input, If both devices are being used at the same time audio from both will be heard at same time. Only switch on the required device to stop the mixing of audio.

**1 POWER**  
Turns the LCD TV on and into standby mode .

**2 MUTE**  
Mutes and restores your LCD TV sound.

**3 TV/SCART**  
Pressing enter TV or SCART Mode.

**4 0-9**  
Select and switch to a channel by using 0-9 buttons.

**5 BACK**  
Returns to previously selected channel.

**6 CH. +/-**  
Changes the channels up and down .

**7 VOL. +/-**  
Increases and decreases volume.

**8 SLEEP**  
Sets the LCD TV sleep time.  
- Press the SLEEP button to select the number of minutes. followed by 15, 30, 60minutes and off.  
The timer begins to count down from the number of minutes selected.  
a. To check the remaining sleep time, press the SLEEP button once.  
b. To cancel the sleep time, repeatedly press the SLEEP button until the display off appears.  
c. If you turn the set off after setting the sleep timer, the setting will be erased.

**9 CH. LIST**  
Display all channel list & name.

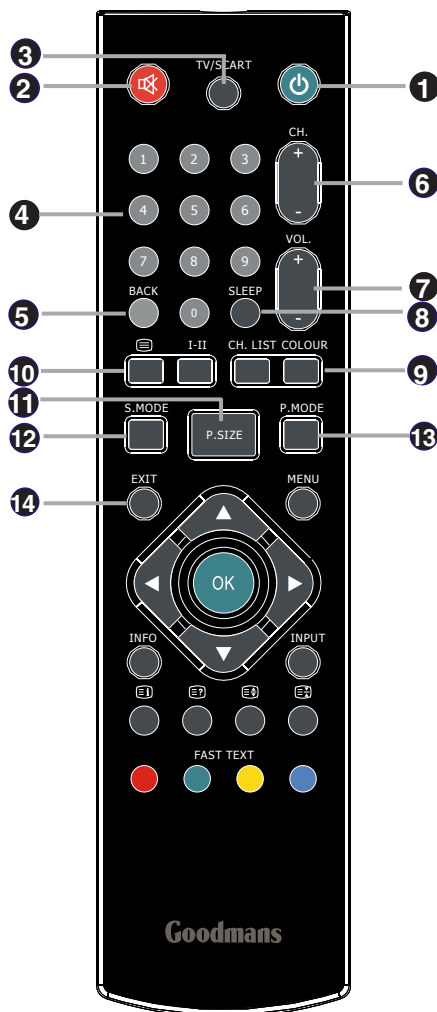
## COLOUR

Allows to select Color temperature to be warm/standard/cool .

**10 Teletext**  
Turns on and off the Teletext function.

## I-II(NICAM)

Cycles through the TV Sound options:  
MONO/DUAL/STEREO.



**11 P.SIZE**  
Cycles through wide mode settings:  
In TV/SCART/S-VIDEO/VIDEO mode:  
Wide, 4:3, Zoom, Original.  
In Y,Pb,Pr/VGA mode: Wide, 4:3.  
In HDMI mode, "P.SIZE" function is not available.

**12 S.MODE**  
Press it to enter the Audio Menu.

**13 P.MODE**  
Selects picture mode: Custom, Vivid, Standard, Mild.

**14 EXIT**  
Exits the OSD menu (on-screen display).

**15 MENU**

Displays the OSD menu(on screen display).

**16**

Allows you to move, select and set up the OSD options.

**17 INFO**

Pressing once displays a variety of information such as the current channel and the input source.

**18 INPUT**

Cycles among the different input signal sources:

TV→AV1(SCART)→AV2(S-VIDEO)→AV3(CVBS)→AV4(Y Pb Pr)→AV5(VGA)→AV6(HDMI)

**19**

Displays the main index in Teletext mode.



Reveals hidden information such as the answer to a quiz in Teletext mode.



Displays the top, bottom or all of page, to easily read in Teletext mode.



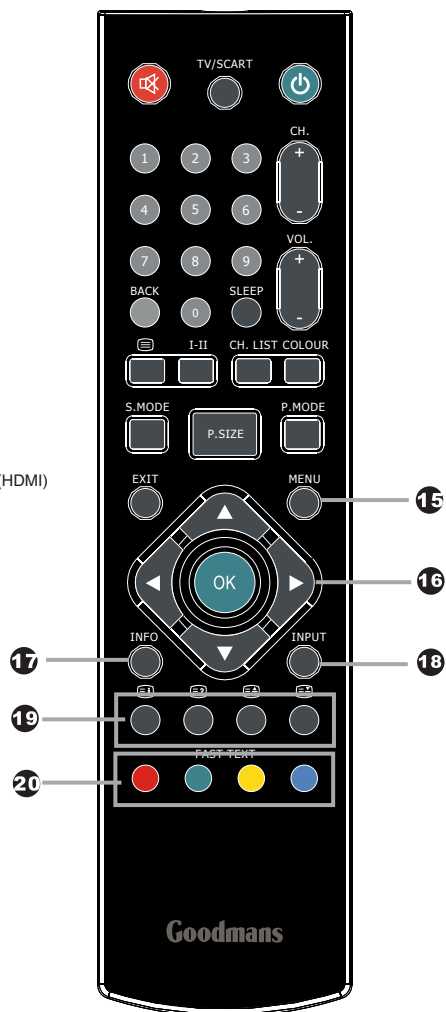
Freezes a multi-page passage on screen in Teletext mode.

**20**

FAST TEXT

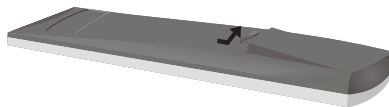


Accesses the TELETEXT items or corresponding pages.



### Installing the batteries in your remote control

- 1** Pull the tab of the back cover and pull up on the cover to open the battery compartment of the remote control.



- 2** Insert two AAA size batteries. Make sure to match the (+) and (-) ends of the batteries with the (+) and (-) ends indicated in the battery compartment.



- 3** Align the lower tabs of the back cover to the remote control and squeeze the cover into place.

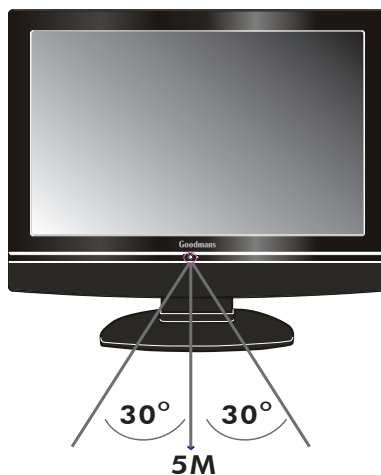


#### Note :

Do not use caustic cleaners( porcelain, stainless steel, toilet, or oven cleaner, etc...).  
You may cause damage to your remote control.

#### Effective range

Your remote control can be activated from up to the LCD TV 5m away,  
if points directly in front of the device.



### How to install the TV Stand

Follow the instructions below to install the TV stand:

- 1 Open the box, and make sure all necessary parts are in the box.

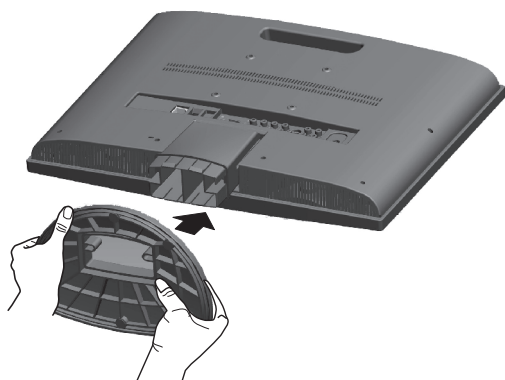


LCD TV



Stand

- 2 Cover an even stable surface with a soft cloth. Place the LCD TV unit face-down on the cloth. Fit the stand onto the bottom of the LCD TV unit as shown:



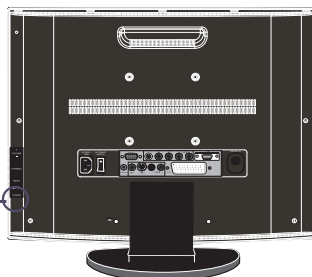
- 3 Then push until stand clicks into the LCD TV's stand socket.



- 1 The **Power** button on the side view and also on the remote control is only used for powering up and switching the TV to standby mode, it does not disconnect the device from the mains supply.

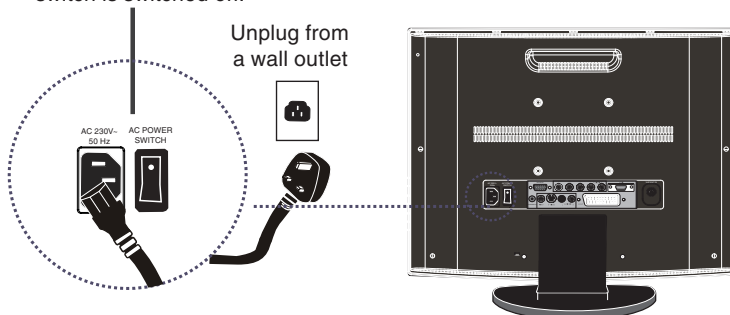
To completely disconnect the main voltage, please switch off the power switch on the rear of the TV, or remove the power plug from the socket.

POWER



Make sure the power switch is switched off.

Unplug from a wall outlet

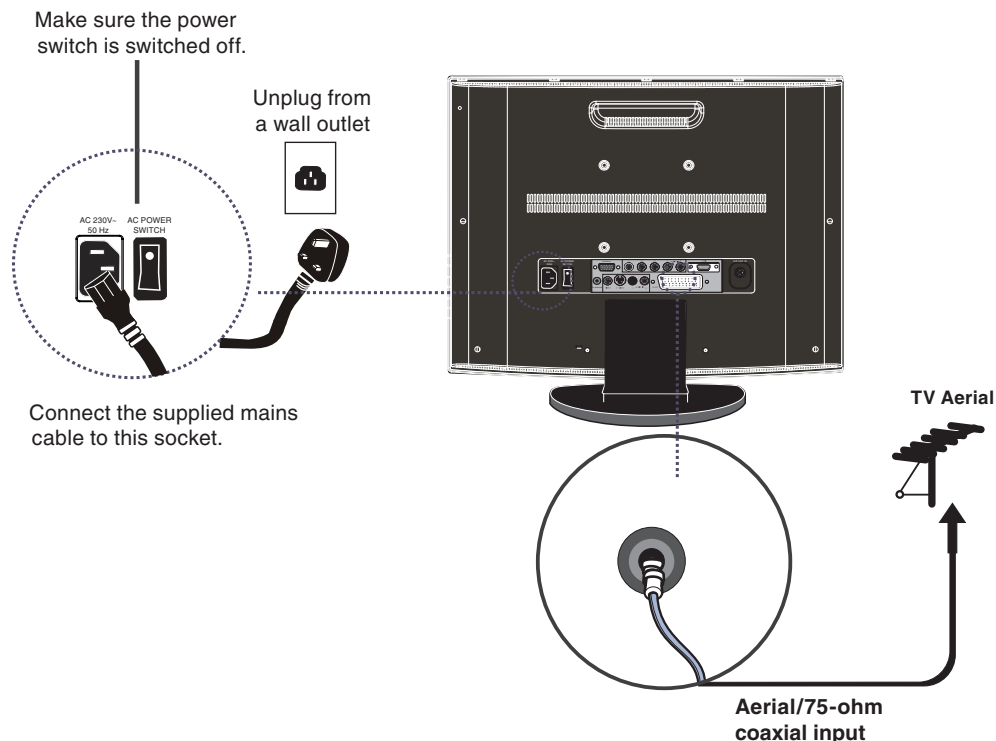


# INSTALLATION

Refer to the owner's manual of the external equipment to be connected. When connecting external equipment, do not connect any AC power cords to wall outlets until you have completed all the connections.

## Connecting a TV aerial

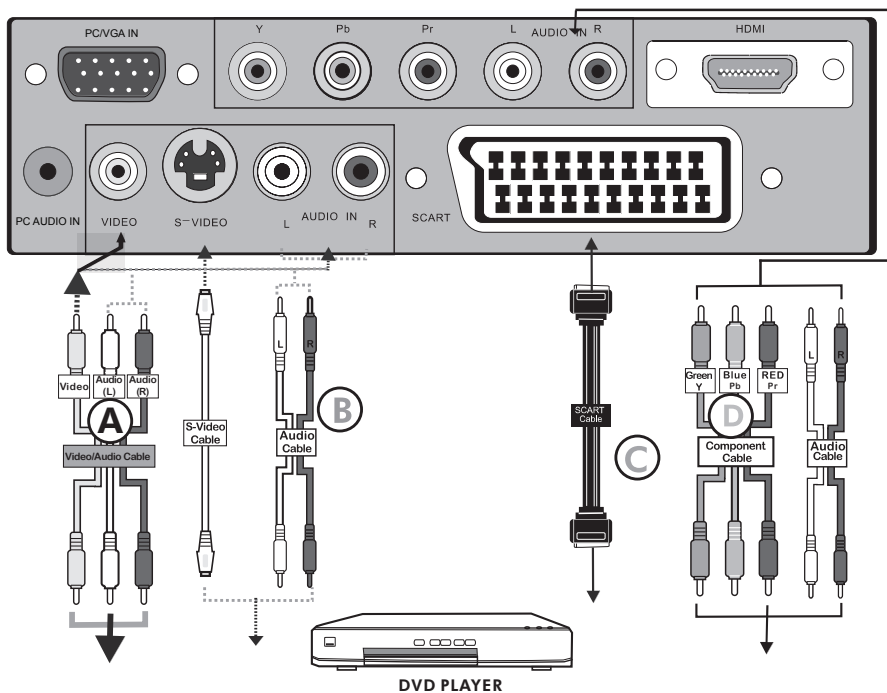
### Basic Connection: Connecting cable or aerial .



- 1 Connect your existing TV aerial to the Aerial input socket on the TV.
- 2 Insert the supplied mains cable to the mains socket located on the rear of the TV. Connect the other end of this cable to a 3 pin mains socket.
- 3 Connect all AC power sources before turning on the power switch at the back of the TV.
- 4 Press the **POWER** button on your remote to turn on your LCD TV.
- 5 Press the **TV/SCART** button to enter TV mode when it is not in TV mode or to enter SCART source while it is in TV mode.

## Connecting a DVD Player

For best picture quality, if your DVD player has (Y Pb Pr) video output, Please use component cable instead of a standard video or S-video cable (cables not supplied). Otherwise connect using a standard Scart cable (not supplied).



### 1 METHOD A (AV3)

Use an A/V cable to connect the DVD's composite output sockets to your LCD TV.

### METHOD B (AV2)

Use an Audio cable to connect the DVD's audio output sockets to your LCD TV.

Use a S-Video cable to connect your LCD TV and DVD player.

### METHOD C (AV1)

Use a SCART cable to connect the DVD's SCART socket to the LCD TV's SCART socket.

### METHOD D (AV4)

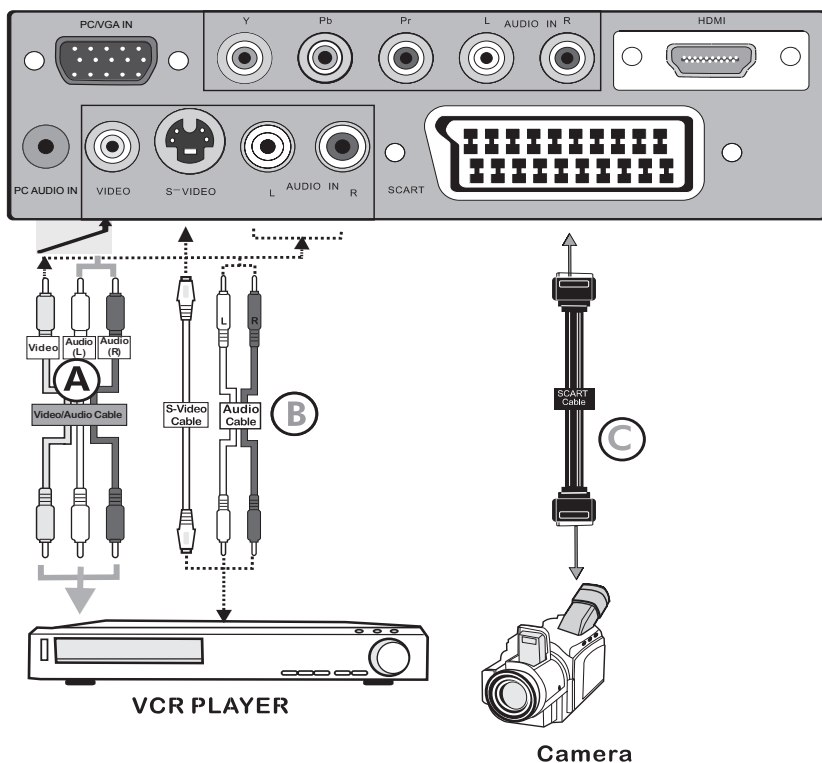
Use a Component cable to connect the (Y Pb Pr) sockets on the DVD player to your LCD TV. Use an audio cable to connect the DVD's audio sockets to your LCD TV.

2 Connect all power sources before turning on the power switch of the LCD TV or other connected equipments.

3 Press the **POWER** button to turn on your LCD TV.

4 To watch DVD, press the **INPUT** button to select **AV1, AV2, AV3, AV4**.





## 1 METHOD A (AV3)

Use an A/V cable to connect the VCR's/ VIDEO CAMERA's composite output sockets to your LCD TV.

## METHOD B (AV2)

Use an Audio cable to connect the VCR's/ the VIDEO CAMERA's audio output sockets to your LCD TV.

Use a S-Video cable to connect your LCD TV and VCR player/ VIDEO CAMERA.

## METHOD C (AV1)

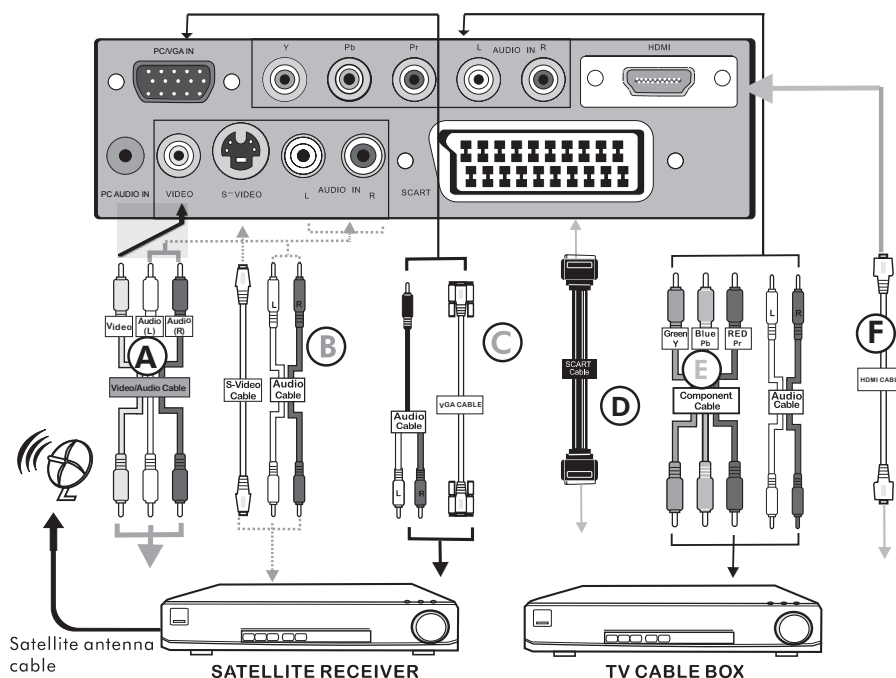
Use a SCART cable to connect the VCR's SCART socket to the LCD TV 's SCART socket.

- 2 Connect all power sources before turning on the power switch of the LCD TV or other connected equipments.
- 3 Press the **POWER** button to turn on your LCD TV.
- 4 To watch VIDEO CAMERA, press the **INPUT** button to select **AV2** or **AV3**.
- 5 To watch VCR, press the **INPUT** button to select **AV1**, **AV2** or **AV3**.

**Note:** Not all cameras have the ability to connect to a TV. Please check your video camera user guide for compatibility.

## Connecting a TV Box and Satellite Receiver

Freeview / Sky boxes will usually have scart cables supplied with them. Connect the scart cable to the scart socket on the rear of the TV.



### 1 Method A(AV3) :

Use an AV cable to connect the TV Cable Box's composite output sockets to your LCD TV.

### Method B(AV2) :

Use an Audio cable to connect the TV Cable Box's audio output sockets to your LCD TV.

Use a S-Video cable to connect your LCD TV and TV Cable Box.

### Method C(AV5) :

Use a VGA 15 pins cable to connect the TV Cable Box's RGB output sockets to your LCD TV.

Use a 3.5mm socket to RCA adapter cable for connecting audio.

### Method D(AV1) :

Use a SCART cable to connect the TV Cable Box's SCART socket to the LCD TV's SCART socket.

### Method E(AV4)

Use a Component cable to connect the Y/Pb/Pr sockets on the TV Cable Box to your LCD TV. Use an Audio cable to connect TV cable box's audio output sockets to LCD TV.

### 2 Method F(AV6) :

Use a HDMI cable to connect the Satellite Receiver HDMI connector to your LCD TV.

3 Connect all power sources before turning on the power switch of the LCD TV or other connected equipments.

4 Press the **POWER** button to turn on your LCD TV.

5 To watch TV cable box, press the **INPUT** button to select **AV1, AV2, AV3, AV4, AV5**.

6 To watch programs satellite receiver, press the **INPUT** button repeatedly to select **AV6**.

# HDMI

- This TV can accept High-Definition Multimedia Interface(HDMI).
- This TV SET supports HDCP(High-bandwidth Digital Content Protection) Protocol for TV SET (480p, 720p, 1080i) modes.
- When you connect to the output of an HD ready player (DVD Player, Set Top Box or PC) switch to the AV6(HDMI) function and the TV will automatically detect the resolution used by the HDMI source.
- To get the best picture quality, adjust the DVD Player or Set Top Box output resolution to 1280 x 720p.
- To get the best picture quality, adjust the PC graphics card to 1024 x 768, 60Hz.

## How to connect

1. If Source Devices have HDMI Output , connect to the HDMI socket located at the rear of the TV using the HDMI Cable supplied with your external devise. (HDMI sends Digital Video and Audio with one cable.)

Cable sample



HDMI Cable  
(not supplied with the product)

# USING THE FEATURES

## Basic Operation

### Tuning in the TV channels

- 1 After connecting an aerial to your LCD TV and connecting the mains cable to the TV and 230VAC mains socket, turn the POWER SWITCH of rear TV on, an amber light will show on the front centre panel of the TV.
- 2 Press the **POWER** button, the amber light will be turned into a light which does not have the colour and the First Time Installation screen will show:
  1. Make sure an aerial is fitted then press OK button on the remote to start the Auto Programme Scan (APS).
  2. In a short while you will see the TV programmes briefly as each channel is received and stored in the memory. When APS is completed BBC1 will show, press CH+/- buttons to view the other channels stored.
- 3 To power off press the **POWER** button, the led light will change to amber.

### Selecting a Source

Press the **INPUT** button to display the function required (TV/AV).

Using the arrow buttons on the remote highlight the function required and press the OK button to select the function.

### Select TV Channel

- 1 Press the **CH.+/-** button on the remote control and the **CH. ▲/▼** button on the LCD TV to change the TV channels.
- 2 You can directly select the TV channel required by pressing 1,2 or 3 etc on the remote key pad.
- 3 Press the **BACK** button on the remote control to swap the channel between the current channel No. and the previous channel No.

### Adjusting the Volume

Press the **VOL. +/-** button on the remote control or the **VOL. +/-** button on the LCD TV to adjust the volume.

### To Mute the Sound

- 1 Press **MUTE** and the sound cuts off.
- 2 To turn mute off, press the **MUTE** button again, or simply press the **VOL +/-** button.

### Sleep Timer

Press the **SLEEP** button continuously to select the sleep timer or turn the sleep timer from the OFF,15,30,60minutes; when the LCD TV has reached the set time, it will automatically turn off. If the TV has no input signal, it will automatically power down to standby after 15 minutes.

## OSD Menu Operation

1 The main menu provides access to the following menus:

<b>Video</b>	Adjust picture setting such as picture mode, contrast, brightness, sharpness colour and advanced.
<b>Audio</b>	Adjust sound option and effects.
<b>Setup</b>	Adjust colour standard, sound standard, APS, Manual search, Channel setup.
<b>Preferences</b>	Adjust preferences such as OSD, blue screen, childlock, sleep timer, OSD timer, OSD reset.
<b>Screen</b>	Adjust screen such as horizontal size, horizontal position, vertical position, phase, clock, auto sync.



2 Press the **MENU** button on the remote control. The main menu will appear on the screen.

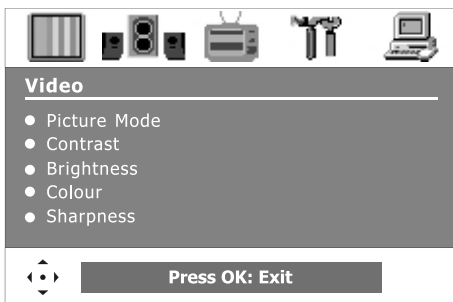
3 Use ◀/▶ to highlight your main menu option, then press **OK** to enter your selected option.

Use ▲/▼ to highlight an option of the sub-menu. Use ◀/▶ to change the value of the item. Press the **EXIT** button to exit MENU.

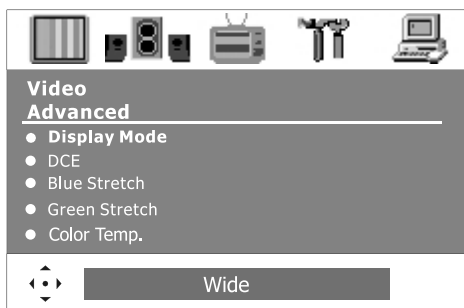
## Video

Use this **Video** setting menu to adjust the picture quality which best corresponds to your viewing requirements. The Video Menu includes the following options:

OPTION	DESCRIPTION
<b>Picture Mode</b>	Custom: Select for user's settings. The items of video can be adjusted when the picture mode is for user's settings except advanced item.
	Vivid: Select for enhanced picture contrast and sharpness.
	Standard: Select for standard picture settings. Recommended for home entertainment.
	Mild: Select for mild picture settings.
<b>Contrast</b>	Adjust the difference between the brightness and darkness regions of the picture.
<b>Brightness</b>	Adjust to increase or decrease the brightness.
<b>Colour</b>	Allows to adjust the colour from 0 to 100.
<b>Tint(NTSC)</b>	Allows you to adjust the color tint of the picture. (Only for NTSC)
<b>Sharpness</b>	Adjust to sharpen or soften the picture.



## Video



### OPTION

### DESCRIPTION

#### Advanced

**Display Mode** Cycles through wide mode settings:

In TV/SCART/S-VIDEO/VIDEO mode: Wide, 4:3, Zoom, Original.

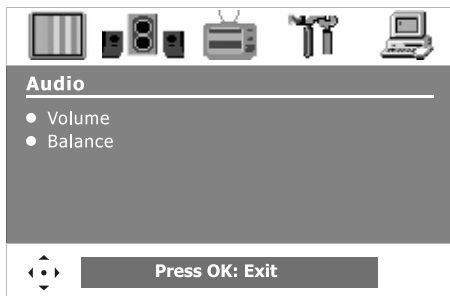
In Y,Pb,Pr/VGA mode: Wide, 4:3.

In HDMI mode, "P.SIZE" function is not available.

DCE	Allows you to adjust the (Dynamic Contrast Enhancement) to be off, low, mid, high.
Blue Stretch	Enhance Blue scenes such as sky and sea scenes.
Green Stretch	Green scenes such as Grass/ fields/woodlands etc will be more vivid.
Color Temp.	Allows you to adjust the color temp. to be cool, warm , standard.

## Audio

Use this **AUDIO** setting menu to adjust the sound and balance and volume to your listening requirements.



### OPTION

### DESCRIPTION

#### Volume

presets the volume to a given setting.

#### Balance

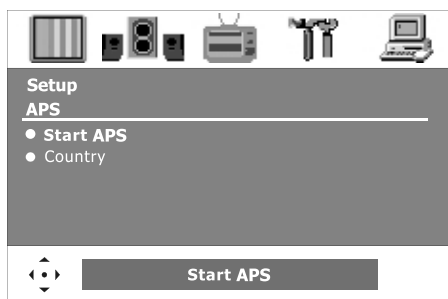
Adjust to emphasize left or right speaker balance.

## Setup

Use this **Setup** menu to select Colour Standard, Sound Standard, APS, Manual Search, Channel Setup.

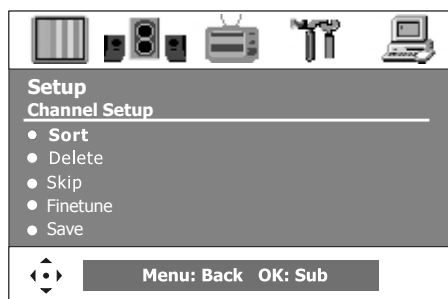


OPTION	DESCRIPTION
<b>Colour Standard</b>	Allows you to select the colour standard : <b>AUTO, PAL, SECAM. UK = PAL</b>
<b>Sound Standard</b>	Allows you to select the sound standard : <b>DK, BG, I, L/L'</b>
<b>DK</b>	PAL D/K, SECAM D/K (East Europe / China )
<b>BG</b>	PAL B/G, SECAM B/G (Europe / East Europe / Asia / New Zealand / M.East / Africa / Australia)
<b>I</b>	PAL I (U.K. / Ireland / Hong Kong / South Africa)
<b>L/L'</b>	SECAM L/L'



<b>APS</b>	<b>Start APS</b> Press OK to start Auto Search and auto sort process. <b>Country</b> Allows you select the country :Austria, Belgium, Switzerland, Czech Rep., Germany, Denmark, Spain, France, Finland, UK, Greece, Hungary, Italy, Norway, Netherlands, Portugal, Poland, Sweden, Slovenia, Slovakia, Turkey, Others.
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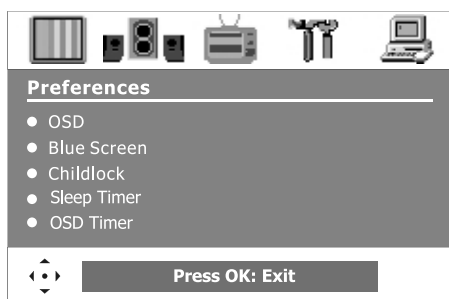
<b>Manual Search</b>	Allows you to adjust the manual search by hand if signal is too weak or picture is blurry.
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<b>Channel Setup</b>	Press the ► button to select Sort, Delete, Skip, Finetune, Save.
<b>Sort</b>	Allows you to manually sort the stored programme.
<b>Delete</b>	Allows you to delete the stored programme.
<b>Skip</b>	Allows you to skip the stored programme.
<b>Finetune</b>	Allows you to finetune the stored programme.
<b>Save</b>	Allows you to save the setup.

## Preferences

Use this **Preferences** setting menu to set up some features: OSD, Blue Screen, Childlock, Sleep Timer, OSD Timer, OSD Reset.



OPTION	DESCRIPTION
<b>OSD</b>	Language : Allows you to select the OSD to be English, German, French, Spanish, Italian, Dutch, Portuguese, Polish or Russian. Transparency: Allows you to adjust transparency from 0 to 15.
<b>Blue Screen</b>	Allows you to select the blue screen to be off or on.
<b>Childlock</b>	Allows you to select the childlock to be yes or no. (Default password is 0000. golden password is 3796.) Change Pin: Allows you to change the 4 -digit password.
<b>Sleep Timer</b>	Allows you to select the sleep timer to be off, 15min, 30min, 60min.
<b>OSD Timer</b>	Allows selection of the display time of the on-screen menu: 5 s, 10 s, 15 s, 20 s, 25 s.
<b>OSD Reset</b>	Allows you to restore the factory settings.

## Screen(Only for VGA)



OPTION	DESCRIPTION
<b>Horizontal Size</b>	Allows you to adjust the Horizontal Size from 0 to 100.
<b>Horizontal Position</b>	Allows you to adjust the Horizontal Position of the picture.
<b>Vertical Position</b>	Allows you to adjust the Vertical Position of the picture.
<b>Phase</b>	Allows you to improve focus clarity and image stability.
<b>Auto Sync.</b>	Allows to auto synchronize VGA signal.



# TROUBLESHOOTING

Before contacting Goodmans Helpline, check the following chart for a possible cause of the trouble you are experiencing and for a solution.

PROBLEM	SOLUTION
TV will not turn on	<ul style="list-style-type: none"><li><input type="checkbox"/> Make sure the power cord is plugged in.</li><li><input type="checkbox"/> The batteries in the remote control may be exhausted. Replace the batteries.</li></ul>
No picture, no sound	<ul style="list-style-type: none"><li><input type="checkbox"/> Check the interface cable between TV and antenna/cable TV.</li><li><input type="checkbox"/> Press the <b>POWER</b> button on the remote.</li><li><input type="checkbox"/> Press the TV button on the remote, then press the <b>INPUT</b> button repeatedly to select the connected video sources.</li><li><input type="checkbox"/> Make sure that the main power switch on the back panel is switched on.</li></ul>
Poor picture, sound OK	<ul style="list-style-type: none"><li><input type="checkbox"/> Check the interface cable between TV and antenna/cable TV.</li><li><input type="checkbox"/> Try another channel, the station may have broadcast difficulties.</li><li><input type="checkbox"/> Adjust the Brightness/Contrast options in the VIDEO Menu.</li></ul>
Picture OK, Poor sound	<ul style="list-style-type: none"><li><input type="checkbox"/> Sound may be muted. Press the <b>MUTE</b> button on the remote.</li><li><input type="checkbox"/> Press the TV button on the remote, then press the VOL.+ button to increase the volume.</li></ul>
Audio noise	<ul style="list-style-type: none"><li><input type="checkbox"/> Move any infrared equipment away from the TV.</li></ul>

# SPECIFICATIONS

<b>Model</b>	GTVL19W17HD
<b>Panel System</b>	19 inch LCD panel
<b>Display Resolution</b>	1440 pixels (horizontal) x 900 pixels (vertical)
<b>Television System</b>	PAL- I
<b>Brightness</b>	450 cd/m <sup>2</sup>
<b>Contrast Ratio</b>	800:1
<b>Inputs/Output</b>	
<b>SCART</b>	1
<b>HDMI</b>	1
<b>VGA</b>	1
<b>PC Audio In</b>	1
<b>Video In</b>	1
<b>S-video In</b>	1
<b>PHONES</b>	1
<b>Y Pb Pr</b>	1
<b>TV</b>	1
<b>Speaker Power</b>	3 W+3 W
<b>Power Source(MAX)</b>	AC230 V~, 50Hz, 50 W
<b>Dimension( W x D x H)</b>	470 x 170 x 414.3mm
<b>Weight(Net)</b>	5.2 Kg

# Display Modes

The screen resolution has been optimized during production for the display modes listed below. If the signal from the system equals the standard signal mode, the screen adjusts automatically. If the signal from the system is not equal to the standard signal mode, adjust the screen resolution by referring to your video card user guide, otherwise there may be no video.

## Y Pb Pr Mode

Resolution	Vertical Frequency(Hz)	Aspect Ratio
480P: 720 x 480	60	16:10(Wide), 4:3
480I: 720 x 480		
576P: 720 x 576	50	
576I: 720 x 576		
720P: 1280 x 720	50	
	60	
1080I: 1920 x 1080	50	
	60	

## VGA Mode

Horizontal pixels x Vertical Scan Line	Vertical Frequency(Hz)	Aspect Ratio
640 x 480	60	16:10(Wide), 4:3
	72	
	75	
800 x 600	60	
	72	
	75	
1024 x 768	60	
	70	
	75	

## HDMI Mode

Horizontal pixels X Vertical Scan Line	Vertical Frequency(Hz)	Aspect Ratio
480P: 720 x 480	60	16:10 (Wide)
576P: 720 x 576	50	
720P: 1280 x 720	50	
	60	
1080I: 1920 x 1080	50	
	60	

### Note:

The picture may have something different from the actual things because of the continuous products' upgrading.